

REMARKS

Claims 1-38 are pending. Claim 32 has been canceled. Claims 1-31 and 33-38 are amended herein. No new matter has been added as a result of these amendments.

NOTICE OF POSSIBLE TYPOGRAPHICAL ERRORS

Section 2 of the instant Office Action states that Claims 1-4, 8-17, 20-22 and 24-38 are rejected under 35 U.S.C. § 102(b) as being anticipated by Bruce et al. (Publication No. US 2005/00118822 A1; hereinafter "Bruce"). However, in the explanations of these rejections, Section 2 cites both Bruce and "Morse" as references.

Applicants respectfully point out that a proper referencing citation is not provided for "Morse" in the instant Office Action. In addition, Applicants respectfully point out that a proper document number is provided for Bruce in Sections 2, 3 and 4, as well as in the Notice of Reference Cited.

Therefore, in so much the instant Office Action states that Claims 1-4, 8-17, 20-22 and 24-38 are rejected under 35 U.S.C. § 102(b) as being anticipated by Bruce, and in so much as a proper referencing citation is not provided for "Morse", while a document number is provided for Bruce in Sections 2, 3, 4, and the Notice of Reference Cited, Applicants respectfully consider the citations of "Morse" in the instant Office Action to be mere typographical errors. Accordingly,

the following Remarks treat the references to "Morse" in Section 2 of the instant Office Action as references to Bruce.

CLAIM REJECTIONS - 35 U.S.C. § 102(b)

The instant Office Action states that Claims 1-4, 8-22, 24-31 and 33-38 are rejected under 35 U.S.C. § 102(b) as being anticipated by Bruce. Applicants have reviewed Bruce and respectfully submit that the embodiments of the present invention as recited in Claims 1-4, 8-22, 24-31 and 33-38 are not anticipated by Bruce for at least the following rationale.

Claims 1 and 31

Independent Claim 1, and similarly independent Claim 31, as amended, recites the features (emphasis added):

A method of determining a location of a mobile unit, said method comprising:

receiving a telephone number of a wireline telephone through a data network, said wireline telephone being located in a vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit;

retrieving an address associated with said telephone number; and retrieving said location of said mobile unit based on said address.

MPEP § 2131 provides:

"A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." *Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987). ... "The identical invention must be shown in as complete detail as is contained in the ... claim." *Richardson v. Suzuki Motor Co.*, 868 F.2d 1226, 1236, 9 USPQ2d 1913,

1920 (Fed. Cir. 1989). The elements must be arranged as required by the claim.

Applicants respectfully submit that Bruce fails to disclose each and every element of Claim 1, and similarly Claim 31, arranged as in the claim. Applicants understand Bruce to teach “[a] method and system for providing a telephone caller information assistance such as driving directions from a starting location to a destination location.” Abstract of Bruce. Applicants further understand Bruce to teach:

the location of a telephone caller 12 from traditional fixed location land-lines can be identified using the automatic number identification ("ANI") of the originating calling telephone number to index into a directory listing database or Name, Address and Telephone number Database ("NATD") 22.

Bruce, page 3, paragraph [0034] (emphasis added). In addition, Applicants further understand Bruce to teach “a network-based approach that applies mathematical algorithms to the attributes of the wireless telephone radio frequency ("RF") signals received at a base station of the wireless network.”

Bruce, page 4, paragraph [0037]. Moreover, Applicants further understand Bruce to teach “[a] dedicated location network is employed to triangulate the position of the caller though an analysis of RF signals received at different points in the location network.” Bruce, page 4, paragraph [0038] (emphasis added).

Applicants do not understand Bruce to anticipate, for example, “receiving a telephone number of a wireline telephone through a data network, ... said telephone number being wirelessly transmitted to said data network by said

mobile unit; retrieving an address associated with said telephone number; and retrieving said location of said mobile unit based on said address", as claimed.

As stated above, Applicants understand Bruce to teach "[a] method and system for providing a telephone caller information assistance such as driving directions from a starting location to a destination location." Abstract of Bruce.

Applicants further understand Bruce to teach:

the location of a telephone caller 12 from traditional fixed location land-lines can be identified using the automatic number identification ("ANI") of the originating calling telephone number to index into a directory listing database or Name, Address and Telephone number Database ("NATD") 22.

Bruce, page 3, paragraph [0034] (emphasis added). However, Applicants do not understand "providing a telephone caller information assistance such as driving directions from a starting location to a destination location" or "the location of a telephone caller ... from traditional fixed location land-lines can be identified using the automatic number identification ('ANI') of the originating calling telephone number to index into a directory listing database or Name, Address and Telephone number Database ('NATD')" to anticipate, for example, "receiving a telephone number of a wireline telephone through a data network, ... said telephone number being wirelessly transmitted to said data network by said mobile unit; retrieving an address associated with said telephone number; and retrieving said location of said mobile unit based on said address", as claimed (emphasis added).

Moreover, as stated above, Applicants further understand Bruce to teach “a network-based approach that applies mathematical algorithms to the attributes of the wireless telephone radio frequency (“RF”) signals received at a base station of the wireless network.” Bruce, page 4, paragraph [0037]. Applicants further understand Bruce to teach “[a] dedicated location network is employed to triangulate the position of the caller through an analysis of RF signals received at different points in the location network.” Bruce, page 4, paragraph [0038] (emphasis added). However, Applicants do not understand “appl[y]ing mathematical algorithms to the attributes of the wireless telephone radio frequency (“RF”) signals received at a base station of the wireless network” or “triangulat[ing] the position of the caller through an analysis of RF signals received at different points in the location network” to anticipate, for example, “receiving a telephone number of a wireline telephone through a data network, ... said telephone number being wirelessly transmitted to said data network by said mobile unit; retrieving an address associated with said telephone number; and retrieving said location of said mobile unit based on said address”, as claimed (emphasis added).

For at least the foregoing rationale, Applicants respectfully submit that Claim 1, and similarly Claim 31, as amended, is not anticipated by Bruce under 35 U.S.C. § 102(b). As such, allowance of Claims 1 and 31 is respectfully requested.

With respect to Claims 2-17, Applicants respectfully point out that Claims 2-17 depend from allowable amended independent Claim 1, and recite further features. With respect to Claims 33-38, Applicants respectfully point out that Claims 33-38 depend from allowable amended independent Claim 31, and recite further features. Therefore, Applicants respectfully submit that Claims 2-17 and 33-38 overcome the rejections under 35 U.S.C. § 102(b), and that these claims are thus in a condition for allowance as being dependent on an allowable base claim. As such, allowance of Claims 2-17 and 33-38 is respectfully requested.

Claim 18

Independent Claim 18, as amended, recites the features (emphasis added):

A method of obtaining location-relevant information being of interest to a mobile unit, said method comprising:

receiving a first telephone number through a data network, said first telephone number being associated with a first wireline telephone, and said first telephone number being wirelessly transmitted by said mobile unit to said data network;

retrieving a first address associated with said first telephone number;

retrieving a first location based on said first address; and
accessing said location-relevant information based on said first location.

Applicants respectfully submit that Bruce fails to disclose each and every element of Claim 18, arranged as in the claim. As stated above, Applicants understand Bruce to teach “[a] method and system for providing a telephone caller information assistance such as driving directions from a starting location to

a destination location.” Abstract of Bruce. Applicants further understand Bruce to teach:

the location of a telephone caller 12 from traditional fixed location land-lines can be identified using the automatic number identification ("ANI") of the originating calling telephone number to index into a directory listing database or Name, Address and Telephone number Database ("NATD") 22.

Bruce, page 3, paragraph [0034] (emphasis added). In addition, Applicants further understand Bruce to teach “a network-based approach that applies mathematical algorithms to the attributes of the wireless telephone radio frequency ("RF") signals received at a base station of the wireless network.”

Bruce, page 4, paragraph [0037]. Moreover, Applicants further understand Bruce to teach “[a] dedicated location network is employed to triangulate the position of the caller through an analysis of RF signals received at different points in the location network.” Bruce, page 4, paragraph [0038] (emphasis added).

Applicants do not understand Bruce to anticipate, for example, “receiving a first telephone number through a data network, said first telephone number being associated with a first wireline telephone, and said first telephone number being wirelessly transmitted by said mobile unit to said data network; retrieving a first address associated with said first telephone number; retrieving a first location based on said first address; and accessing said location-relevant information based on said first location”, as claimed.

As stated above, Applicants understand Bruce to teach “[a] method and system for providing a telephone caller information assistance such as driving directions from a starting location to a destination location.” Abstract of Bruce.

Applicants further understand Bruce to teach:

the location of a telephone caller 12 from traditional fixed location land-lines can be identified using the automatic number identification ("ANI") of the originating calling telephone number to index into a directory listing database or Name, Address and Telephone number Database ("NATD") 22.

Bruce, page 3, paragraph [0034] (emphasis added). However, Applicants do not understand “providing a telephone caller information assistance such as driving directions from a starting location to a destination location” or “the location of a telephone caller ... from traditional fixed location land-lines can be identified using the automatic number identification ('ANI') of the originating calling telephone number to index into a directory listing database or Name, Address and Telephone number Database ('NATD')” to anticipate, for example, “receiving a first telephone number through a data network, said first telephone number being associated with a first wireline telephone, and said first telephone number being wirelessly transmitted by said mobile unit to said data network; retrieving a first address associated with said first telephone number; retrieving a first location based on said first address; and accessing said location-relevant information based on said first location”, as claimed (emphasis added).

Moreover, as stated above, Applicants further understand Bruce to teach “a network-based approach that applies mathematical algorithms to the attributes

of the wireless telephone radio frequency ("RF") signals received at a base station of the wireless network." Bruce, page 4, paragraph [0037]. Applicants further understand Bruce to teach "[a] dedicated location network is employed to triangulate the position of the caller though an analysis of RF signals received at different points in the location network." Bruce, page 4, paragraph [0038] (emphasis added). However, Applicants do not understand "appl[ying] mathematical algorithms to the attributes of the wireless telephone radio frequency ("RF") signals received at a base station of the wireless network" or "triangulat[ing] the position of the caller though an analysis of RF signals received at different points in the location network" to anticipate, for example, "receiving a first telephone number through a data network, said first telephone number being associated with a first wireline telephone, and said first telephone number being wirelessly transmitted by said mobile unit to said data network; retrieving a first address associated with said first telephone number; retrieving a first location based on said first address; and accessing said location-relevant information based on said first location", as claimed (emphasis added).

For at least the foregoing rationale, Applicants respectfully submit that Claim 18, as amended, is not anticipated by Bruce under 35 U.S.C. § 102(b). As such, allowance of Claim 18 is respectfully requested.

With respect to Claims 19-30, Applicants respectfully point out that Claims 19-30 depend from allowable amended independent Claim 18, and recite further

features. Therefore, Applicants respectfully submit that Claims 19-30 overcome the rejections under 35 U.S.C. § 102(b), and that these claims are thus in a condition for allowance as being dependent on an allowable base claim. As such, allowance of Claims 19-30 is respectfully requested.

CLAIM REJECTIONS - 35 U.S.C. § 103(a)

Claims 6 and 7

The instant Office Action states that Claims 6 and 7 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Bruce in view of Kung et al. (U.S. Patent No. 6,680,935; hereinafter "Kung"). Applicants have reviewed the above-cited references and respectfully submit that the embodiments as recited in Claims 6 and 7 are patentable over Bruce in view of Kung for at least the following rationale.

"As reiterated by the Supreme Court in *KSR*, the framework for the objective analysis for determining obviousness under 35 U.S.C. 103 is stated in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966). Obviousness is a question of law based on underlying factual inquiries" including "[a]scertaining the differences between the claimed invention and the prior art" MPEP § 2141. "In determining the differences between the prior art and the claims, the question under 35 U.S.C. 103 is not whether the differences themselves would have been obvious, but whether the claimed invention as a whole would have been obvious." MPEP § 2141.02(I) (emphasis in original). Moreover:

[t]he prior art reference (or references when combined) need not teach or suggest all the claim limitations, however, Office personnel must explain why the difference(s) between the prior art and the claimed invention would have been obvious to one of ordinary skill in the art."

MPEP § 2141(III) (emphasis added).

Claims 6 and 7 are dependent on independent Claim 1 and include the features of Claim 1. Hence, by demonstrating that Bruce in view of Kung does not teach or suggest the features of Claim 1, it is also demonstrated that Bruce in view of Kung does not teach or suggest the embodiments of Claims 6 and 7.

Independent Claim 1, as amended, recites the features (emphasis added):

A method of determining a location of a mobile unit, said method comprising:

receiving a telephone number of a wireline telephone through a data network, said wireline telephone being located in a vicinity of said mobile unit, and said telephone number being wirelessly transmitted to said data network by said mobile unit;

retrieving an address associated with said telephone number; and
retrieving said location of said mobile unit based on said address.

Applicants respectfully submit that Bruce in view of Kung fails to teach or suggest each and every element of Claim 1, as amended, at least because Kung fails to overcome the shortcomings of Bruce, as discussed *supra*. As stated above, Applicants understand Bruce to teach "[a] method and system for providing a telephone caller information assistance such as driving directions from a starting location to a destination location." Abstract of Bruce. Applicants understand Kung to teach "a method, system and device/phone/computer for

anonymous call rejection in an Internet Protocol telephony network.” Abstract of Kung. Applicants further understand Kung to teach “multimedia server 222 may authenticate the request by, for example, verifying location of the request and/or the identity of the requesting party.” Kung, column 20, lines 34-37 (emphasis added).

Applicants do not understand Bruce in view of Kung to teach or suggest, for instance, “receiving a telephone number of a wireline telephone through a data network, ... said telephone number being wirelessly transmitted to said data network by said mobile unit; retrieving an address associated with said telephone number; and retrieving said location of said mobile unit based on said address”, as claimed. For instance, Applicants do not understand “a method, system and device/phone/computer for anonymous call rejection in an Internet Protocol telephony network” or “multimedia server ... may authenticate the request by, for example, verifying location of the request and/or the identity of the requesting party” to teach or suggest “receiving a telephone number of a wireline telephone through a data network, ... said telephone number being wirelessly transmitted to said data network by said mobile unit; retrieving an address associated with said telephone number; and retrieving said location of said mobile unit based on said address”, as claimed (emphasis added).

Therefore, Applicants respectfully assert that Bruce in view of Kung fails to teach or suggest each and every element of Claim 1, as amended. Furthermore,

Applicants respectfully assert that the instant Office Action fails to explain why the differences between Bruce in view of Kung and the embodiment of Claim 1 would have been obvious to one of ordinary skill in the art.

For at least the foregoing rationale, Applicants respectfully submit that Claim 1, as amended, is not unpatentable over Bruce in view of Kung under 35 U.S.C. § 103(a). As such, allowance of Claim 1 is respectfully requested.

With respect to Claims 6 and 7, Applicants respectfully point out that Claims 6 and 7 depend from allowable independent Claim 1, and recite further features. Therefore, Applicants respectfully submit that Claims 6 and 7 overcome the rejections under 35 U.S.C. § 103(a), and that these claims are thus in a condition for allowance as being dependent on an allowable base claim. As such, allowance of Claims 6 and 7 is respectfully requested.

Claim 5

The instant Office Action states that Claim 5 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Bruce in view of Obradovich (Publication No. US 2002/0045456 A1). Applicants have reviewed the above-cited references and respectfully submit that the embodiment as recited in Claim 5 is patentable over Bruce in view of Obradovich for at least the following rationale.

Claim 5 is dependent on independent Claim 1 and includes the features of Claim 1. Hence, by demonstrating that Bruce in view of Obradovich does not teach or suggest the features of Claim 1, it is also demonstrated that Bruce in view of Obradovich does not teach or suggest the embodiment of Claim 5.

Applicants respectfully submit that Bruce in view of Obradovich fails to teach or suggest each and every element of Claim 1, as amended, at least because Obradovich fails to overcome the shortcomings of Bruce, as discussed *supra*. As stated above, Applicants understand Bruce to teach “[a] method and system for providing a telephone caller information assistance such as driving directions from a starting location to a destination location.” Abstract of Bruce. Applicants understand Obradovich to teach:

A GPS publication application server. A mobile location knowledgeable device is in communication with a server. The server provides indications of the device's location to a home page associated with the device. The home page includes information about a user of the device and methods of contacting the user at any particular time. The server is also in communication with a variety of application servers. The application servers push information to the device depending on the device location and preferences listed in the home page of the device.

Abstract of Obradovich (emphasis added). Applicants further understand Obradovich to teach:

a GPS server periodically requests information from a mobile device. The mobile device includes GPS receiver circuitry to receive GPS signals. The GPS receiver makes use of information provided by a GPS reference server and error correction processing performed by the GPS reference server to determine its location. Upon probing by the GPS server the mobile device provides the GPS server the present position of the mobile device, as well as additional information.

Obradovich, page 1, paragraph [0008] (emphasis added).

Applicants do not understand Bruce in view of Obradovich to teach or suggest, for instance, “receiving a telephone number of a wireline telephone through a data network, ... said telephone number being wirelessly transmitted to said data network by said mobile unit; retrieving an address associated with said telephone number; and retrieving said location of said mobile unit based on said address”, as claimed. For example, Applicants do not understand “[t]he server provides indications of the device's location to a home page associated with the device” or “[t]he home page includes information about a user of the device and methods of contacting the user at any particular time” to teach or suggest “receiving a telephone number of a wireline telephone through a data network, ... said telephone number being wirelessly transmitted to said data network by said mobile unit; retrieving an address associated with said telephone number; and retrieving said location of said mobile unit based on said address”, as claimed (emphasis added).

Moreover, Applicants do not understand “[t]he mobile device includes GPS receiver circuitry to receive GPS signals”, “[t]he GPS receiver makes use of information provided by a GPS reference server and error correction processing performed by the GPS reference server to determine its location” or “[u]pon probing by the GPS server the mobile device provides the GPS server the present position of the mobile device” to teach or suggest “receiving a telephone number of a wireline telephone through a data network, ... said telephone

number being wirelessly transmitted to said data network by said mobile unit;
retrieving an address associated with said telephone number; and retrieving said
location of said mobile unit based on said address", as claimed (emphasis added).

Therefore, Applicants respectfully assert that Bruce in view of Obradovich fails to teach or suggest each and every element of Claim 1, as amended. Furthermore, Applicants respectfully assert that the instant Office Action fails to explain why the differences between Bruce in view of Obradovich and the embodiment of Claim 1 would have been obvious to one of ordinary skill in the art.

For at least the foregoing rationale, Applicants respectfully submit that Claim 1, as amended, is not unpatentable over Bruce in view of Obradovich under 35 U.S.C. § 103(a). As such, allowance of Claim 1 is respectfully requested.

With respect to Claim 5, Applicants respectfully point out that Claim 5 depends from allowable independent Claim 1, and recites further features. Therefore, Applicants respectfully submit that Claim 5 overcomes the rejection under 35 U.S.C. § 103(a), and that Claim 5 is thus in a condition for allowance as being dependent on an allowable base claim. As such, allowance of Claim 5 is respectfully requested.

Claim 23

The instant Office Action states that Claim 23 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Bruce in view of Obradovich. Applicants have reviewed the above-cited references and respectfully submit that the embodiment as recited in Claim 23 is patentable over Bruce in view of Obradovich for at least the following rationale.

Claim 23 is dependent on independent Claim 18 and includes the features of Claim 18. Hence, by demonstrating that Bruce in view of Obradovich does not teach or suggest the features of Claim 18, it is also demonstrated that Bruce in view of Obradovich does not teach or suggest the embodiment of Claim 23.

Applicants respectfully submit that Bruce in view of Obradovich fails to teach or suggest each and every element of Claim 18, as amended, at least because Obradovich fails to overcome the shortcomings of Bruce, as discussed *supra*. As stated above, Applicants understand Bruce to teach “[a] method and system for providing a telephone caller information assistance such as driving directions from a starting location to a destination location.” Abstract of Bruce. Applicants understand Obradovich to teach:

A GPS publication application server. A mobile location knowledgeable device is in communication with a server. The server provides indications of the device's location to a home page associated with the device. The home page includes information about a user of the device and methods of contacting the user at any particular time. The server is also in communication with a variety of application servers. The application

servers push information to the device depending on the device location and preferences listed in the home page of the device.

Abstract of Obradovich (emphasis added). Applicants further understand

Obradovich to teach:

a GPS server periodically requests information from a mobile device. The mobile device includes GPS receiver circuitry to receive GPS signals. The GPS receiver makes use of information provided by a GPS reference server and error correction processing performed by the GPS reference server to determine its location. Upon probing by the GPS server the mobile device provides the GPS server the present position of the mobile device, as well as additional information.

Obradovich, page 1, paragraph [0008] (emphasis added).

Applicants do not understand Bruce in view of Obradovich to teach or suggest, for instance, “receiving a first telephone number through a data network, said first telephone number being associated with a first wireline telephone, and said first telephone number being wirelessly transmitted by said mobile unit to said data network; retrieving a first address associated with said first telephone number; retrieving a first location based on said first address; and accessing said location-relevant information based on said first location”, as claimed. For example, Applicants do not understand “[t]he server provides indications of the device's location to a home page associated with the device” or “[t]he home page includes information about a user of the device and methods of contacting the user at any particular time” to teach or suggest “receiving a first telephone number through a data network, said first telephone number being associated with a first wireline telephone, and said first telephone number being wirelessly transmitted by said mobile unit to said data network; retrieving a first address

associated with said first telephone number; retrieving a first location based on said first address; and accessing said location-relevant information based on said first location", as claimed (emphasis added).

Moreover, Applicants do not understand "[t]he mobile device includes GPS receiver circuitry to receive GPS signals", "[t]he GPS receiver makes use of information provided by a GPS reference server and error correction processing performed by the GPS reference server to determine its location" or "[u]pon probing by the GPS server the mobile device provides the GPS server the present position of the mobile device" to teach or suggest "receiving a first telephone number through a data network, said first telephone number being associated with a first wireline telephone, and said first telephone number being wirelessly transmitted by said mobile unit to said data network; retrieving a first address associated with said first telephone number; retrieving a first location based on said first address; and accessing said location-relevant information based on said first location", as claimed (emphasis added).

Therefore, Applicants respectfully assert that Bruce in view of Obradovich fails to teach or suggest each and every element of Claim 18, as amended. Furthermore, Applicants respectfully assert that the instant Office Action fails to explain why the differences between Bruce in view of Obradovich and the embodiment of Claim 18 would have been obvious to one of ordinary skill in the art.

For at least the foregoing rationale, Applicants respectfully submit that Claim 18, as amended, is not unpatentable over Bruce in view of Obradovich under 35 U.S.C. § 103(a). As such, allowance of Claim 18 is respectfully requested.

With respect to Claim 23, Applicants respectfully point out that Claim 23 depends from allowable independent Claim 18, and recites further features. Therefore, Applicants respectfully submit that Claim 23 overcomes the rejection under 35 U.S.C. § 103(a), and that Claim 23 is thus in a condition for allowance as being dependent on an allowable base claim. As such, allowance of Claim 23 is respectfully requested.


CONCLUSION

In light of the above-listed remarks, reconsideration of the rejected claims is requested. Based on the amendments and arguments presented above, it is respectfully submitted that Claims 1-31 and 33-38 overcome the rejections of record. Therefore, allowance of Claims 1-31 and 33-38 is respectfully solicited.

Should the Examiner have a question regarding the instant amendment and response, the Applicants invite the Examiner to contact the Applicants' undersigned representative at the below listed telephone number.

Respectfully submitted,
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Date: 11/21/2007



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